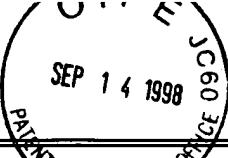


SEP 14 1998



#6

Sheet 1 of 4

Form PTO-1449
(REV. 8-83)DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE CITATION

(Form PTO-1449 Modified 5/95)
(Use several sheets if necessary)ATTORNEY DOCKET NO.:
9855-14U1 (TJU-1857)APPLICATION NO.:
08/913,918APPLICANT:
Darwin J. Prockop *et al.*FILING DATE:
December 8, 1997GROUP ART UNIT:
1614 1633

U.S. PATENT DOCUMENTS

EX. INIT	DOCU- MENT	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
<i>✓</i>		4,391,909	07/83	Lim, Franklin			
<i>✓</i>		4,806,355	02/89	Goosen <i>et al.</i>			
<i>✓</i>		4,997,443	03/91	Walthall <i>et al.</i>			
<i>✓</i>		4,902,295	02/90	Walthall <i>et al.</i>			
<i>✓</i>		4,942,129	07/90	Goosen <i>et al.</i>			
<i>✓</i>		5,314,471	05/94	Brauker <i>et al.</i>			
<i>✓</i>		5,334,640	08/94	Desai <i>et al.</i>			
<i>✓</i>		5,344,454	09/94	Clarke <i>et al.</i>			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>✓</i>	Ala-Kokko <i>et al.</i> , 1991, J. Biol. Chem. 266:14175-14178
<i>✓</i>	Andersson <i>et al.</i> , 1993, Int. J. Dev. Neurosci. 11:555-568
<i>✓</i>	Andreason <i>et al.</i> , 1988, BioTechniques 6:650-660
<i>✓</i>	Anklesaria, 1987, PNAS USA 84:7681-7685
<i>✓</i>	Applebaum <i>et al.</i> , 1992, Blood 80(6):1608-1613
<i>✓</i>	Arner, P., 1995, N. England J. Med. 333-382
<i>✓</i>	Benayahu <i>et al.</i> , 1989, J. Cell Physiol. 140:1-7
<i>✓</i>	Bennett <i>et al.</i> , 1991, J. Cell. Sci. 99:131-139
<i>✓</i>	Beresford <i>et al.</i> , 1992, J. Cell. Sci. 102:341-351
<i>✓</i>	Bienzle <i>et al.</i> , 1994, Proc. Natl. Acad. Sci USA, 91:350-354
<i>✓</i>	Bjorklund, 1993, Nature 362:414-415
<i>✓</i>	Bradham <i>et al.</i> , 1994, J. Cell Physiol. 158:61-68

RECEIVED

SEP 17 1999

GROUP 180C

EXAMINER

DATE CONSIDERED

10/10/99

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449
(REV. 8-83)U.S. DEPARTMENT OF COMMERCE
PATENT & TRADEMARK OFFICEATTORNEY DOCKET NO.:
9855-14U1 (TJU-1857)APPLICATION NO.:
08/913,918

INFORMATION DISCLOSURE CITATION

(Form PTO-1449 Modified 5/95)
(Use several sheets if necessary)APPLICANT:
Darwin J. Prockop *et al.*FILING DATE:
December 8, 1997GROUP ART UNIT:
1614 1633

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

✓ Caplan, 1991, J. Orthop. Res. 9:641-650

✓ Carter *et al.*, 1992, Blood 79:356-364

✓ Castro-Malaspina *et al.*, 1980, Blood 56:289-301

✓ Coccia, P.F. et al, 1980, New England Journal of Medicine, 302,13:702-707

✓ Considine *et al.*, 1995, J. Clin. Invest. 95:2986-2988

✓ Emorine, L. et al., 1994, Trends Pharmacol. Sci., 15,3

✓ Flier, J.S., 1995, Cell, 80:15

✓ Freed *et al.*, 1992, N. Engl. J. Med 327:1549-1555

✓ Friedenstein *et al.*, 1987, Cell Tissue Kinet. 20:263-272

✓ Friedenstein *et al.*, 1976, Exp. Hemat. 4:267-274

✓ Kang *et al.*, 1993, J. Neurosci. 13:5203-5211

✓ Khillan *et al.*, 1991, J. Biol. Chem. 266:23373-23379

✓ Kiefer, 1991, Blood 78(10):2577-2582

✓ Liesveld *et al.*, 1989, Blood 73:1794-1800

✓ Liesveld *et al.*, 1990, Exp. Hematol. 19:63-70

✓ Lowell, B.B. et al., 1995, J. Clin. Invest., 95:923

✓ Mardon *et al.*, 1987, Cell Tissue Res. 250:157-165

✓ Mercer *et al.*, 1992, In: Antisense Strategies, Ann. IV. Y. Acad. Sci. Biol. 660:209-218

✓ Miller, A.D. and Rosman, G.J. 1989 BioTechniques 7:980-990

✓ Morrison *et al.*, 1994, Nature 367:284-287

✓ Nakagawa, T., et al., 1993, Arthritis and Rheumatism, 36,2:263-268

RECEIVED

SEP 17 1999

GROUP 1800

EXAMINER

DATE CONSIDERED

11/10/99

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SEP 1 1993

Sheet 3 of 4

Form PTO-1449
(REV. 8-83)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTORNEY DOCKET NO.:
9855-14U1 (TJU-1857)APPLICATION NO.:
08/913,918

INFORMATION DISCLOSURE CITATION

(Form PTO-1449 Modified 5/95)

(Use several sheets if necessary)

APPLICANT:
Darwin J. Prockop *et al.*FILING DATE:
December 8, 1997GROUP ART UNIT:
1614 1633Nakahara *et al.*, 1991, J. Orthop. Res. 9:465-476Niedzwiedski *et al.*, 1993, Biomaterials 14:115-121O'Hara *et al.*, 1991, Exp. Hemat. 19:878-881Ohgushi *et al.*, 1989, Acta. Orthop. Scand. 60:334-339Owen *et al.*, 1988, in Cell and Molecular Biology of Vertebrate Hard Tissues, Ciba Foundation Symposium 136, Chichester, UK, pp. 42-60Pereira *et al.*, 1995, Proc. Natl. Acad. Sci. USA 92:4857-4861Pereira *et al.*, 1983, J. Clin. Invest. 91:709-716Piersma *et al.* 1983, Brit. J. Hematol. 94:285-290Piersma *et al.*, 1985, Exp. Hematol 13:237-243Rink, T.J. *et al.*, 1994, Nature, 372-406

RECEIVED

SEP 17 1999

Rosenstein, 1995, Exp. Neurol. 133:1-6

GROUP 1800

Simmons *et al.*, 1991, Blood 78:55-62Smith *et al.*, 1993, Mature Genet. 5:397-402Sokolov *et al.*, 1995, J. Biol. Chem. 270:9622-9629Sokolov *et al.*, 1993, Biochemistry 32:9242-9249Spencer *et al.*, 1992, N. Engl. J. Med. 327:1541-1548Stewart *et al.* 1993, Blood 81:2566-2571Toneguzzo *et al.*, 1986, Mol. Cell. Biol. 6:703-706

EXAMINER

DATE CONSIDERED

11/10/99

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SEP 14 1

Sheet 4 of 4

Form PTO-1449
(REV. 8-83)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTORNEY DOCKET NO.:
9855-14U1 (TJU-1857)APPLICATION NO.:
08/913,918

INFORMATION DISCLOSURE CITATION

(Form PTO-1449 Modified 5/95)
(Use several sheets if necessary)APPLICANT:
Darwin J. Prockop *et al.*FILING DATE:
December 8, 1997GROUP ART UNIT:
1614 1633Turner *et al.*, 1993, Neurosurg. 33:1031-1037Wakitani *et al.*, 1994, J. Bone & Surg. 76A:579-592Zhou *et al.*, 1992, J. Comp. Neurol. 317:145-155

EXAMINER

DATE CONSIDERED

11/10/99

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

RECEIVED
SEP 17 1999
GROUP 1800